

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 023312-0115

Applicant: Keisuke SUZUKI et al.
Title: PROCESS FOR PREPARATION OF OPTICALLY ACTIVE ALLENES
Appl. No.: Unassigned
Filing Date: 09/03/2004
Examiner: Unassigned
Art Unit: Unassigned

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

Appl. No. Unassigned

Atty. Dkt. No. 023312-0115

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached. Copies of the documents are not being provided since copies should have been provided directly by WIPO under an exchange program between the PTO, the EPO and the JPO.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

September 3, 2004
Date

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| Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: September 3, 2004 <i>(use as many sheets as necessary)</i> | | | Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">Unassigned <u>10/505573</u></td> </tr> <tr> <td>Filing Date</td> <td>09/03/2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Keisuke SUZUKI et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>023312-0115</td> </tr> </table> | | Application Number | Unassigned <u>10/505573</u> | Filing Date | 09/03/2004 | First Named Inventor | Keisuke SUZUKI et al. | Group Art Unit | Unassigned | Examiner Name | Unassigned | Attorney Docket Number | 023312-0115 |
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| First Named Inventor | Keisuke SUZUKI et al. | | | | | | | | | | | | | | | |
| Group Art Unit | Unassigned | | | | | | | | | | | | | | | |
| Examiner Name | Unassigned | | | | | | | | | | | | | | | |
| Attorney Docket Number | 023312-0115 | | | | | | | | | | | | | | | |
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| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|---|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Documents | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
| | A1 | Claude SPINO, "Synthesis of Non-Racemic Unsymmetrical Tetrasubstituted Vinylallens," Tetrahedron Letters, Vol. 41, No. 42, 2000, pp. 8033-8036. | |
| | A2 | Giuseppe GUANTI, "Chemoenzymatic Preparation of Asymmetrized Tris (Hydroxymethyl)Methane(THYM*) and of Asymmetrized Bis (Hydroxymethyl) Acetaldehyde (BHYMA*) As New Highly Versatile Chiral Building Blocks," J. Org. Chem., Vol. 57, No. 5, 1992, pp. 1540-1554. | |
| | A3 | Hajime MORI, "Novel Diastereoselective Allene Formation By an Ene Reaction of Significantly Twisted 1,3-Dienes with Singlet Oxygen," Tetrahedron Letters, Vol. 40, No. 35, 1999, pp. 6461-6464. | |

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| Examiner Signature | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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